

DEPARTMENT OF VETERANS AFFAIRS
SYRACUSE VA MEDICAL CENTER
800 IRVING AVENUE, SYRACUSE, NEW YORK 13210

ADD KITCHEN RE-THERM UNITS
TO EMERGENCY POWER

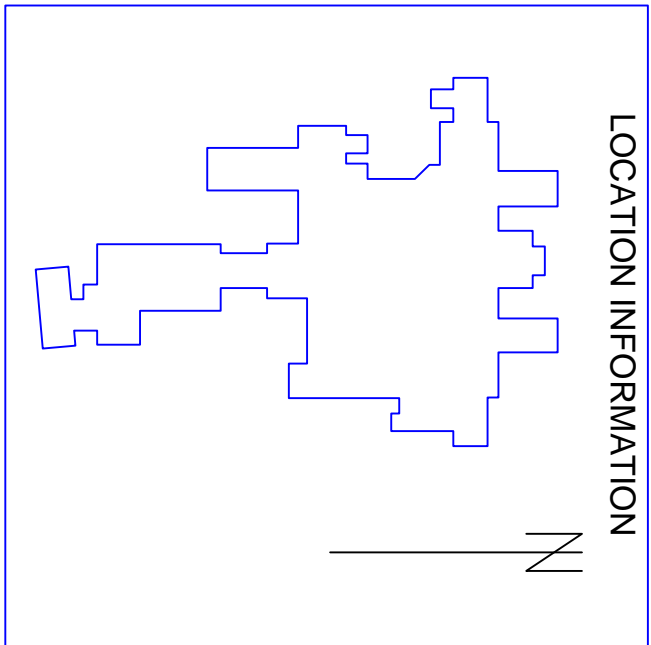
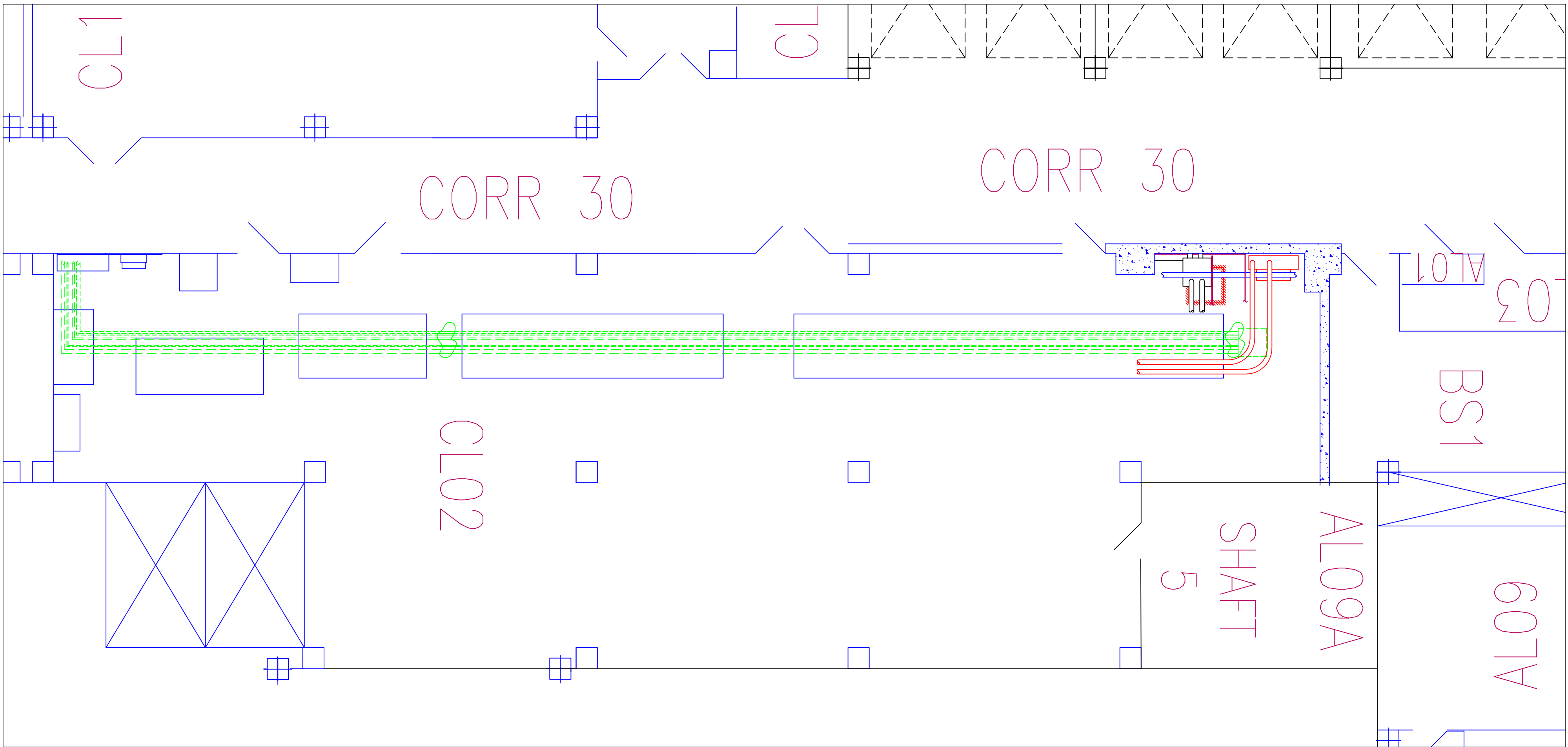
PROJECT: 528A7-12-720

The vendor shall perform all mechanical and electrical work required to transfer the kitchen re-therms to emergency power. Some of the tasks are:

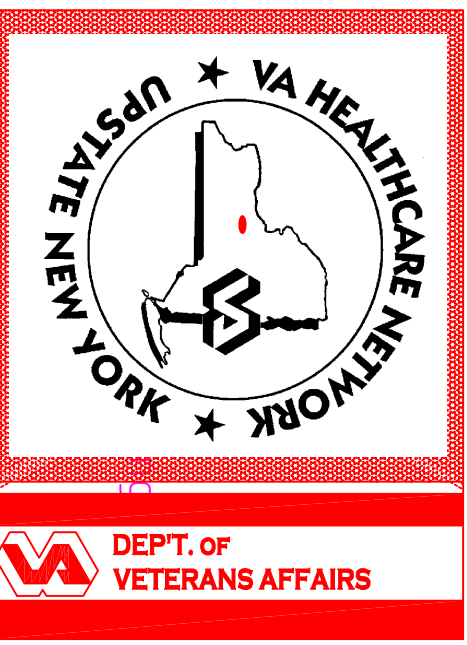
1. In the basement, room CL02, remove & relocate two existing electrical circuits, and replace or relocate junction box as required to allow for the installation of a new Manual Transfer Switch.
2. Demo unused conduit as required in sub-basement from junction box to electrical panel ELC-DPB, Section 1 and utilize pathway to add new conduit as required.
3. Add a new 500A breaker to left side of panel ELC-DPB, Section 1. Core drill thru floor to run conduit/wire noted in item 2 above.
4. Demo the existing hinged access panel/frame as needed to install a new hinged access cover that will not interfere with new Manual Transfer Switch.

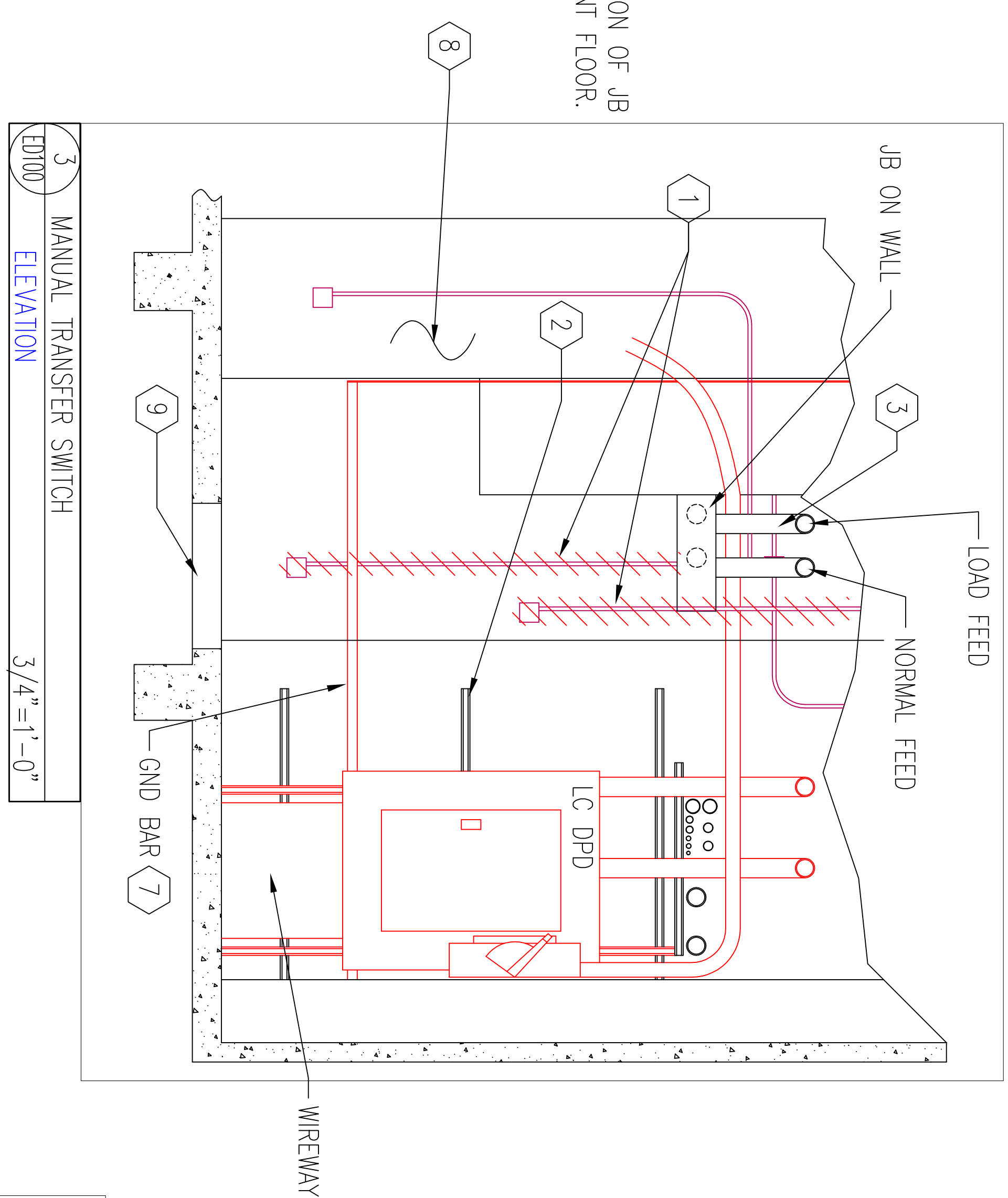
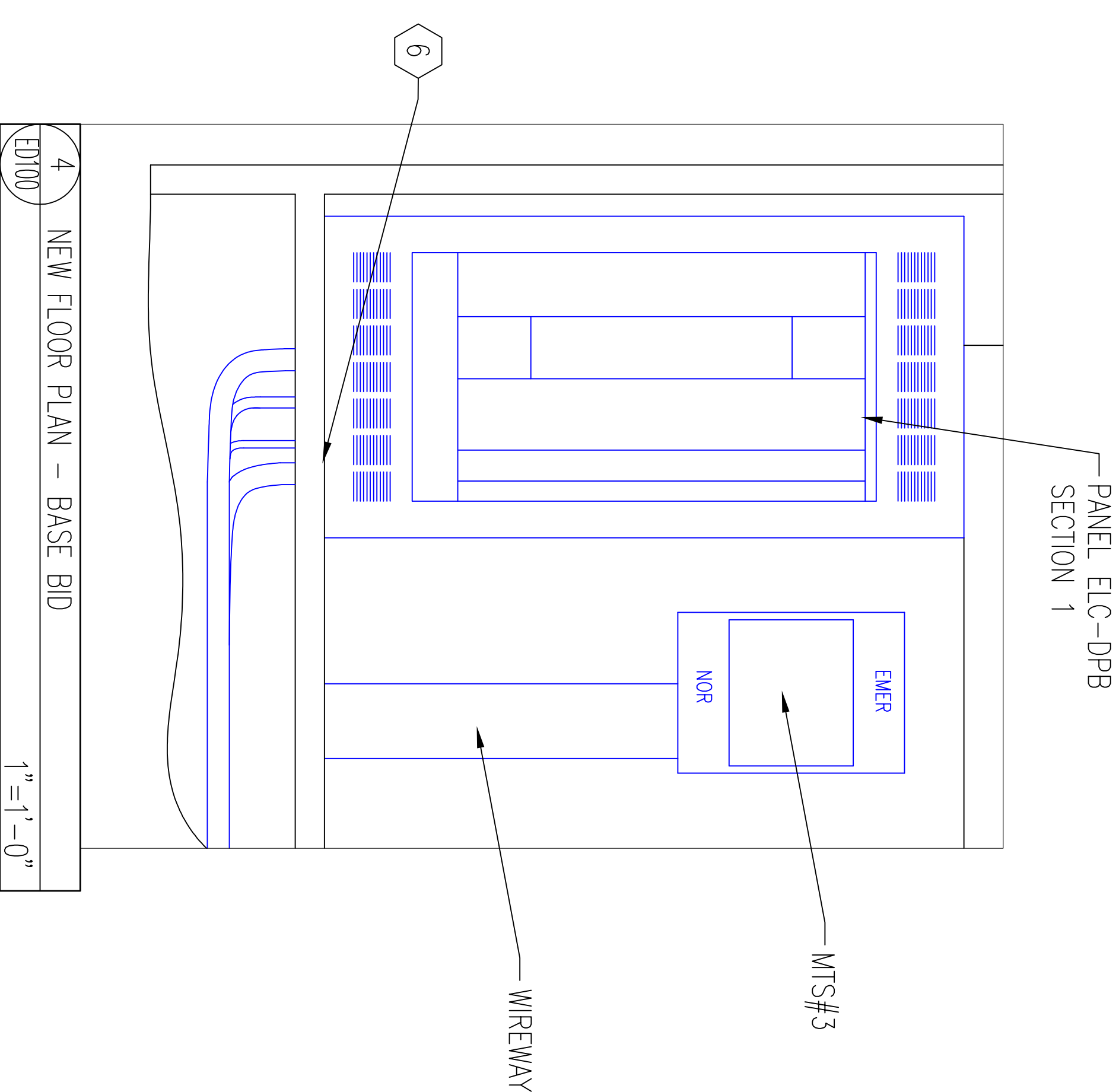
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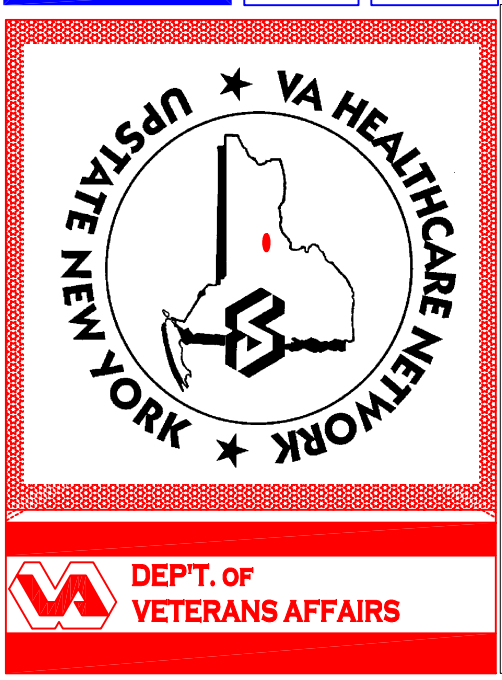
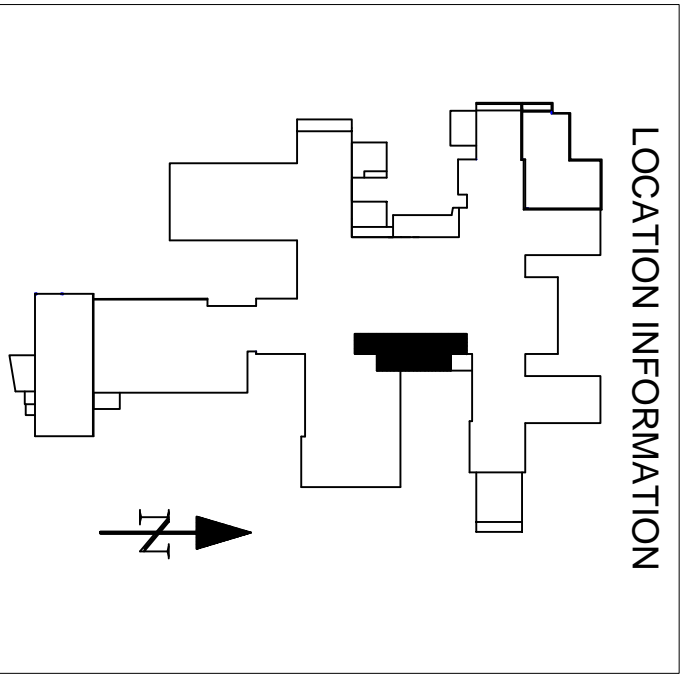


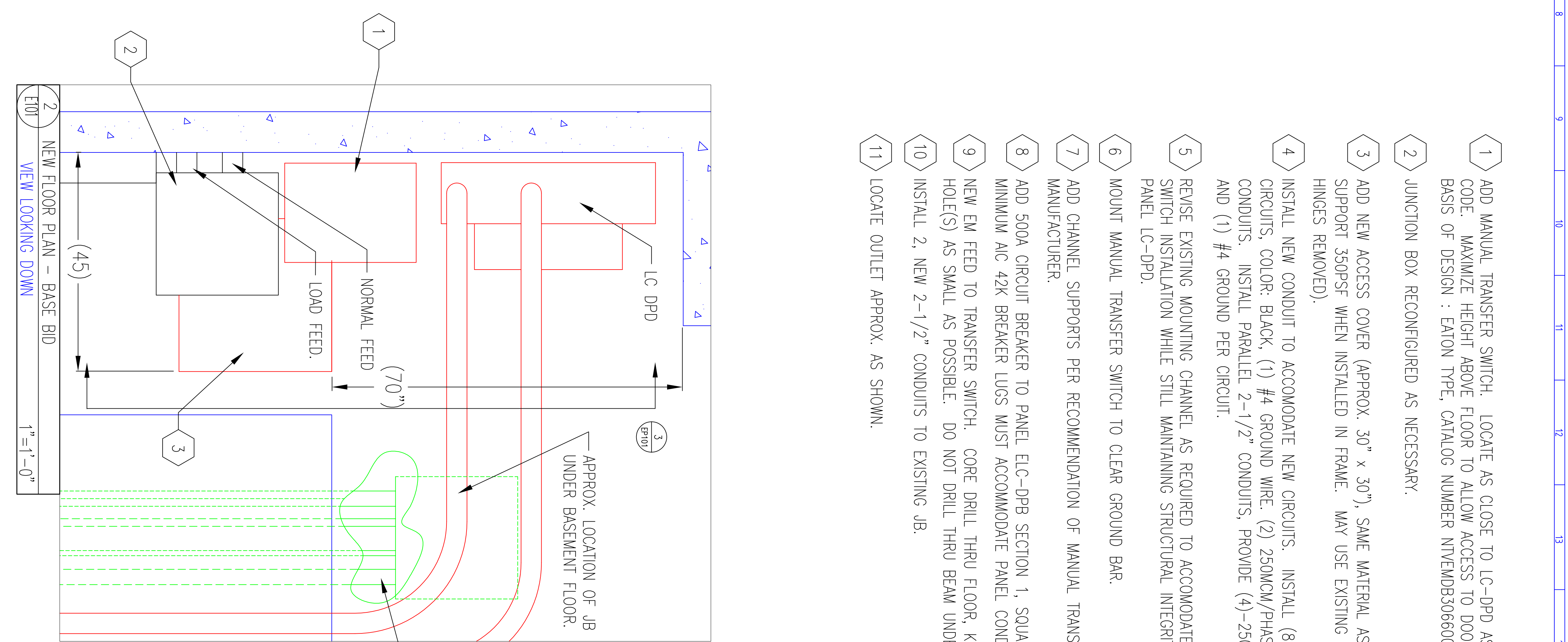
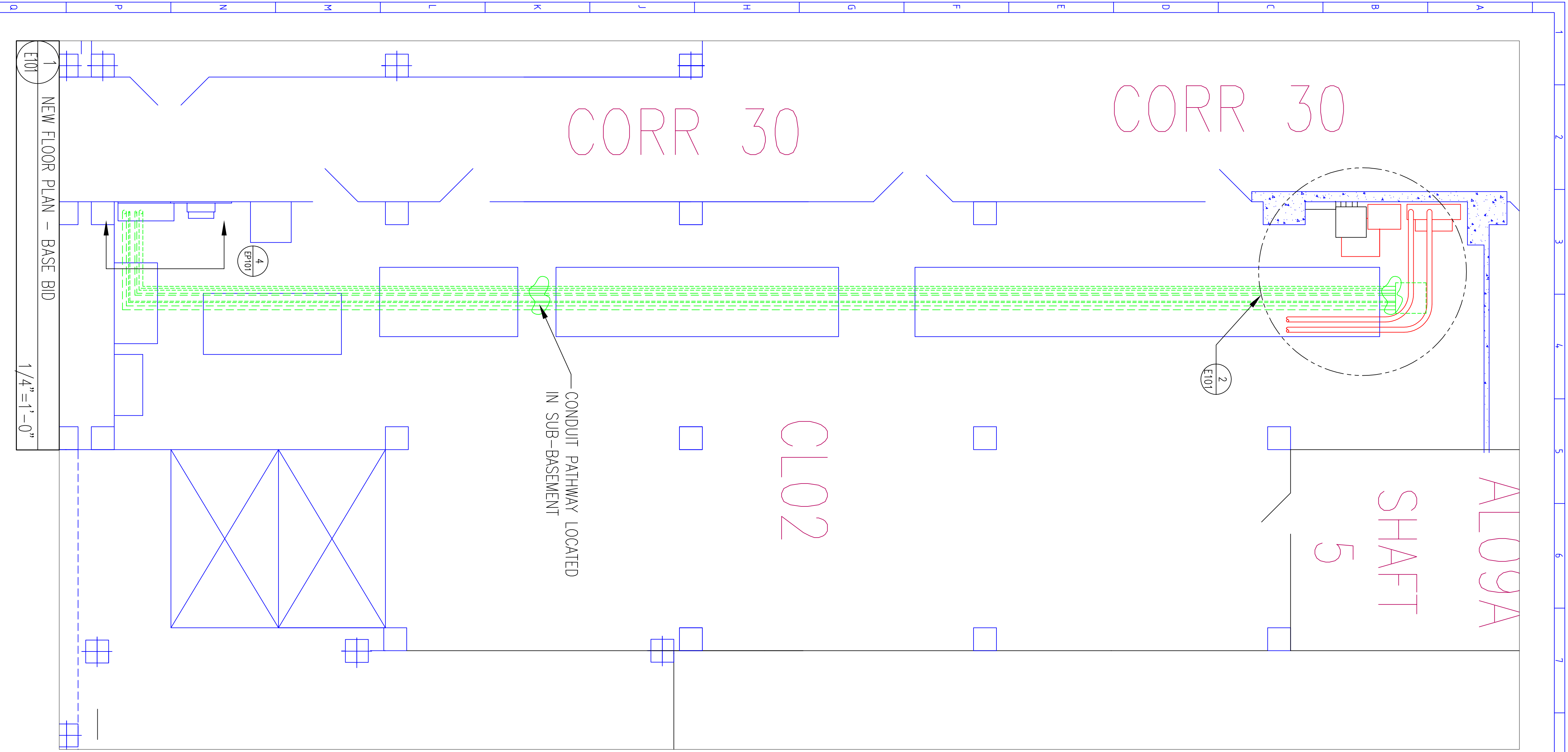
Drawing Title COVER & INDEX										Project Title ADD KITCHEN RE-THERMS TO EMERGENCY POWER										Date 2/17/2012					
Approved: Facility Manager										Building Number 1				Checked AJ				Drawn DHA				Project No. 528A7-12-720			
										Location VAMC SYRACUSE, NY				Dwg. 1 of 4				DRAWING NO. C-100							
Revisions																									
Date																									



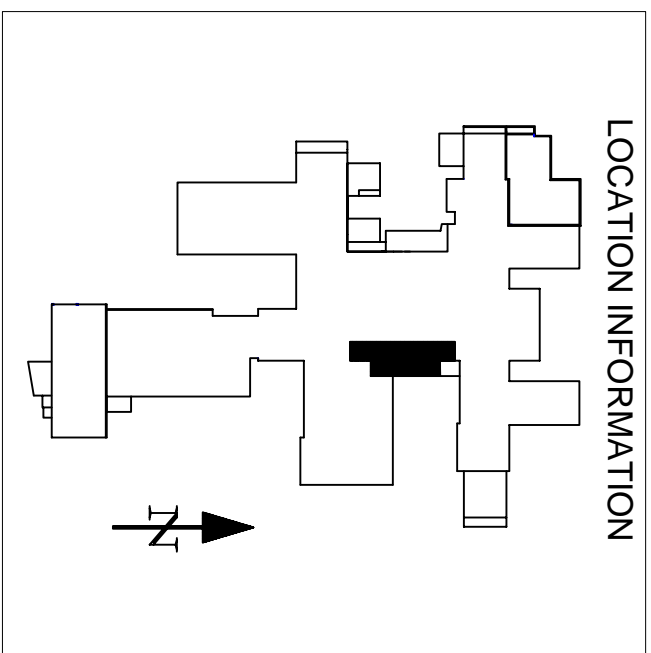
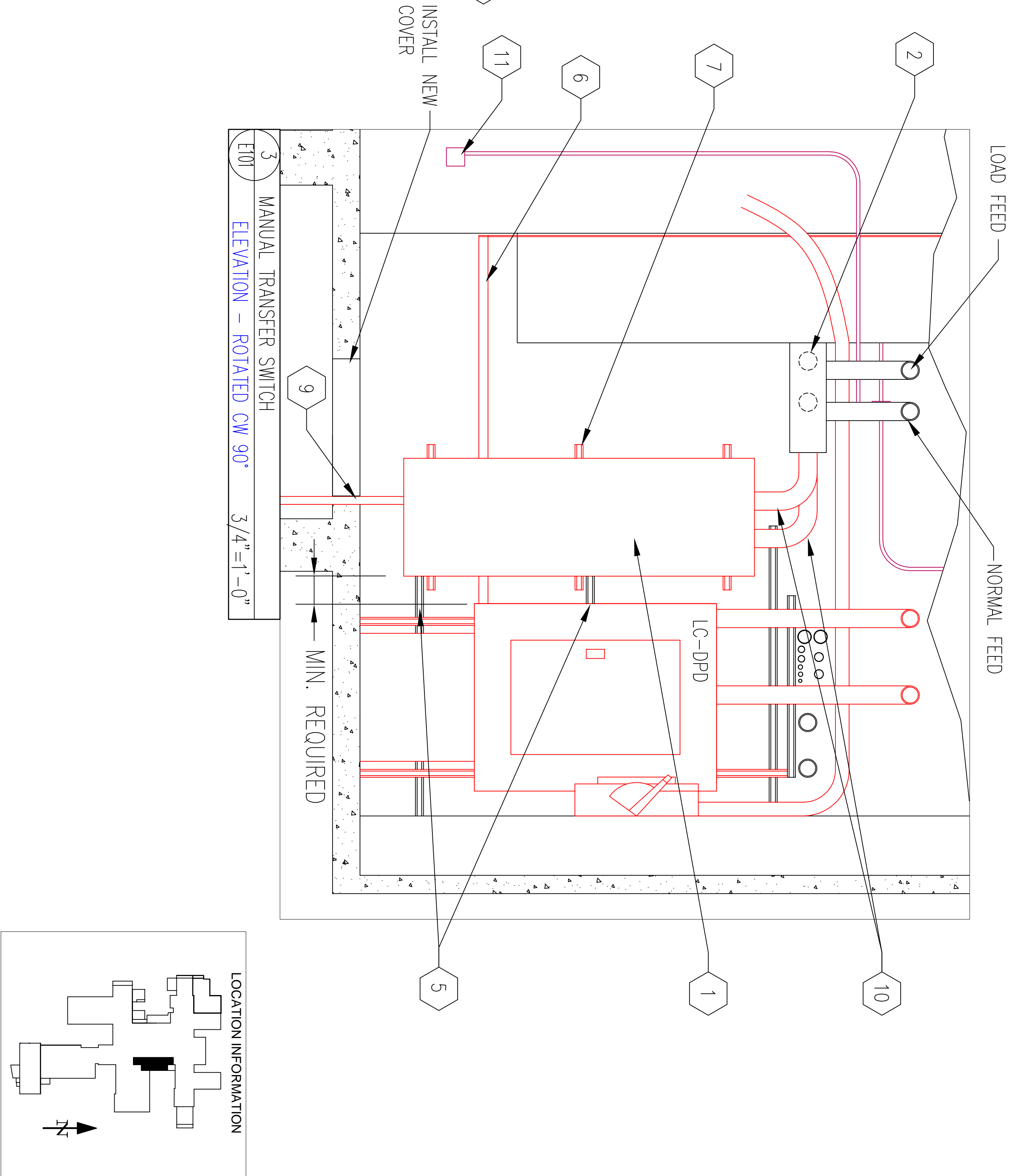
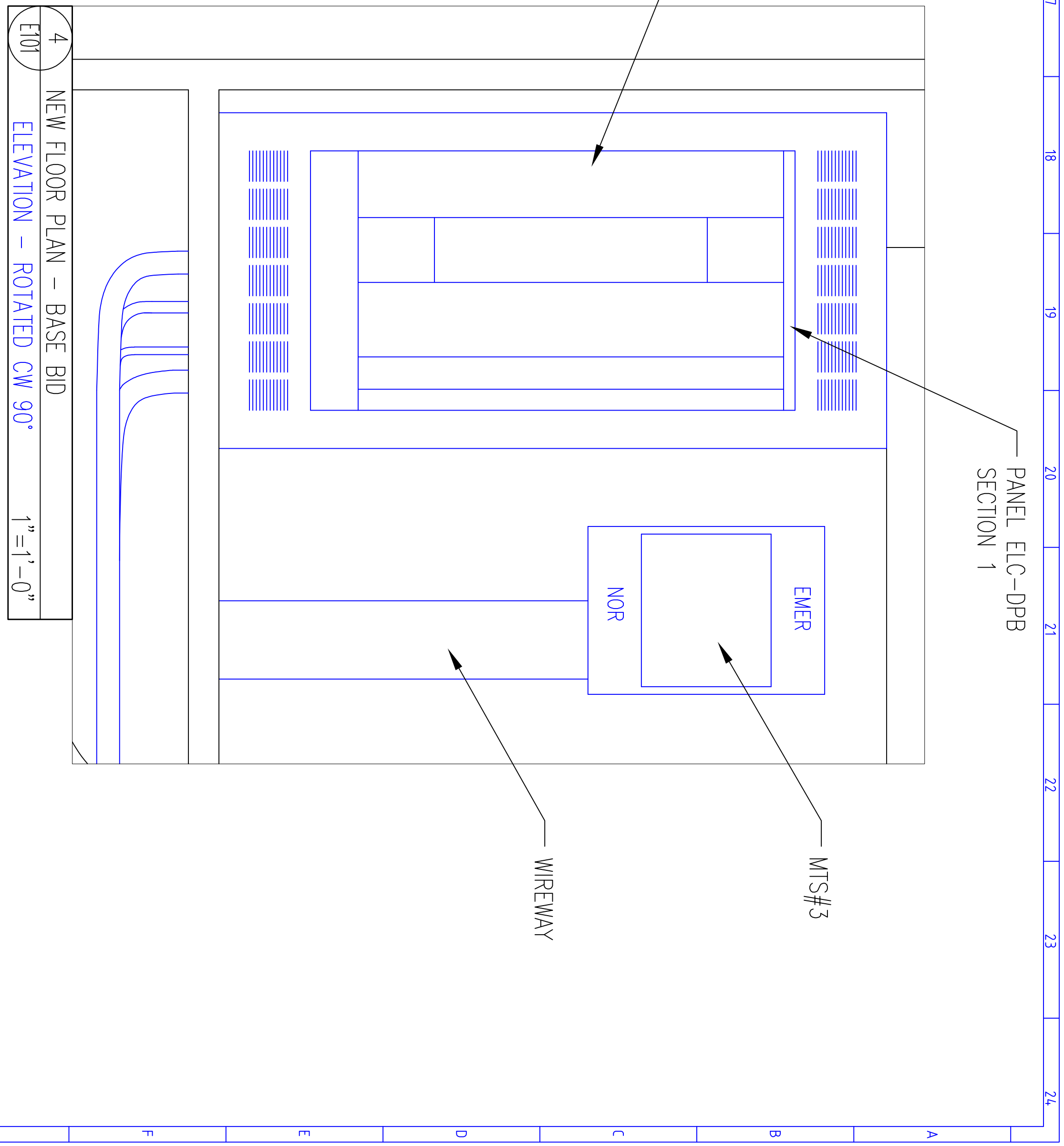


Drawing Title		Project Title		Date
DEMOLITION DETAILS		KITCHEN RE-THERM EMERGENCY POWER		2/1/2012
Approved: Facility Manager		Building Number	Checked	Project No.
		1	AJ	528A-1-2-720
			Drawn	
			DHA	
Location		DRAWING NO.		
VAMC STRACUSE, NY		ED-100		
		Days 3 of 4		





- 1 ADD MANUAL TRANSFER SWITCH. LOCATE AS CLOSE TO LC-DPD AS ALLOWED BY CODE. MAXIMIZE HEIGHT ABOVE FLOOR TO ALLOW ACCESS TO DOOR IN FLOOR. BASIS OF DESIGN : EATON TYPE, CATALOG NUMBER N7VEMDB30600BSU.
- 2 JUNCTION BOX RECONFIGURED AS NECESSARY.
- 3 ADD NEW ACCESS COVER (APPROX. 30" x 30"), SAME MATERIAL AS EXISTING. MUST SUPPORT 350PSF WHEN INSTALLED IN FRAME. MAY USE EXISTING FRAME (WITH HINGES REMOVED).
- 4 INSTALL NEW CONDUIT TO ACCOMMODATE NEW CIRCUITS. INSTALL (8) 250 MCM CIRCUITS, COLOR: BLACK, (1) #4 GROUND WIRE. (2) 250MCM/PHASE IN (2) 2-1/2" CONDUITS. INSTALL PARALLEL 2-1/2" CONDUITS, PROVIDE (4)-250MCM CONDUCTORS AND (1) #4 GROUND PER CIRCUIT.
- 5 REVERSE EXISTING MOUNTING CHANNEL AS REQUIRED TO ACCOMMODATE MANUAL TRANSFER SWITCH INSTALLATION WHILE STILL MAINTAINING STRUCTURAL INTEGRITY OF EXISTING PANEL LC-DPD.
- 6 MOUNT MANUAL TRANSFER SWITCH TO CLEAR GROUND BAR.
- 7 ADD CHANNEL SUPPORTS PER RECOMMENDATION OF MANUAL TRANSFER SWITCH MANUFACTURER.
- 8 ADD 500A CIRCUIT BREAKER TO PANEL ELC-DPB SECTION 1, SQUARE "D" I-LINE MINIMUM AIC 42K BREAKER LUGS MUST ACCOMMODATE PANEL CONDUCTORS.
- 9 NEW EM FEED TO TRANSFER SWITCH. CORE DRILL THRU FLOOR, KEEPING HOLE(S) AS SMALL AS POSSIBLE. DO NOT DRILL THRU BEAM UNDER FLOOR.
- 10 INSTALL 2, NEW 2-1/2" CONDUITS TO EXISTING JB.
- 11 LOCATE OUTLET APPROX. AS SHOWN.



Drawing Title		Project Title		Date	
INSTALLATION DETAILS		ADD KITCHEN RE-THERMS TO EMERGENCY POWER		2/30/2012	
Approved: Facility Manager		Building Number		Project No.	
		1		525AAT-12-720	
		Checked		Drawn	
		AJ		DHA	
		Location		Dwg. 4 of 4	
		VAMC SYRACUSE, NY		EP-101	
				DEPT. of VETERANS AFFAIRS	